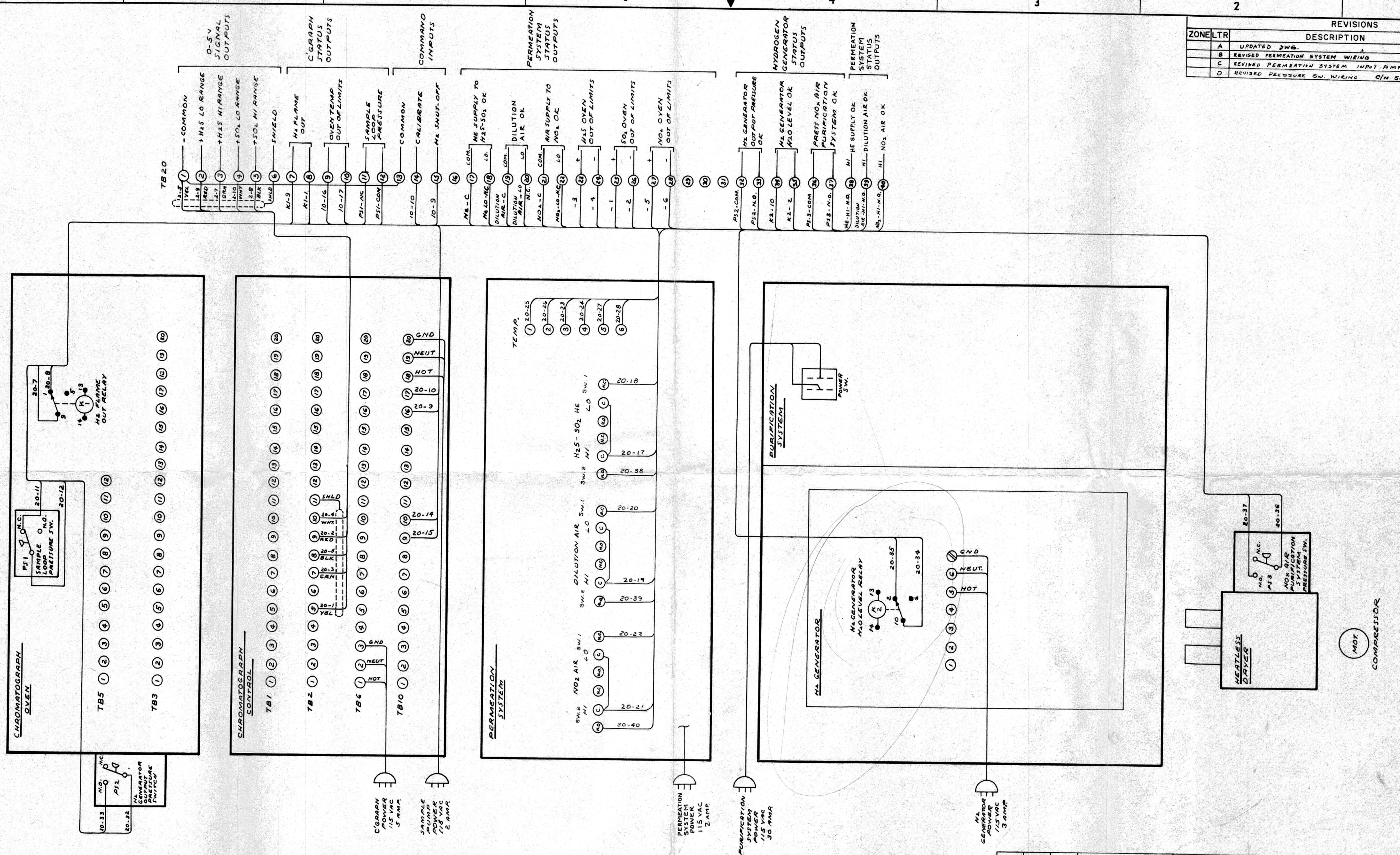
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	UPDATED DWG.	2-2-72	CEA
	B	REVISED PERMEATION SYSTEM WIRING	4-24-72	CEA
	C	REVISED PERMEATION SYSTEM INPUT AMPS	8-15-72	MBH
	D	REVISED PRESSURE SW. WIRING C/N 5079	9-11-72	CEA


8
7
6
5
4
3
2
1
D
C
B
A
TB20
0-5 V SIGNAL OUTPUTS
C'GRAPH STATUS OUTPUTS
COMMAND INPUTS
PERMEATION SYSTEM STATUS OUTPUTS
HYDROGEN GENERATOR STATUS OUTPUTS
PERMEATION SYSTEM STATUS OUTPUTS
1 - COMMON
2 + H2S LO RANGE
3 + H2S HI RANGE
4 + SO2 LO RANGE
5 + SO2 HI RANGE
6 SHIELD
7 8 H2 FLAME OUT
9 10 OVEN TEMP OUT OF LIMITS
11 12 SAMPLE LOOP PRESSURE
13 COMMON
14 CALIBRATE
15 H2 SHUT-OFF
16
17 COM. 18 LO. HE SUPPLY TO H2S-SO2 OK
19 COM. 20 LO DILUTION AIR OK
21 COM. 22 LO AIR SUPPLY TO NO2 OK
23 + 24 - H2S OVEN OUT OF LIMITS
25 + 26 - SO2 OVEN OUT OF LIMITS
27 + 28 - NO2 OVEN OUT OF LIMITS
29
30
31
32 33 H2 GENERATOR OUTPUT PRESSURE OK
34 35 H2 GENERATOR H2O LEVEL OK
36 37 PRESS NOx AIR PURIFICATION SYSTEM OK
38 HI HE SUPPLY OK
39 HI DILUTION AIR OK
40 HI NO2 AIR OK
2-5 YEL
2-9 RED
2-7 GRN
2-10 WHT
2-8 BLK
SHLD
K1-9
K1-1
10-16
10-17
PS1-NC
PS1-COM
10-10
10-9
He-C
He LO-NC
DILUTION AIR-C
DILUTION AIR-LO N.C.
NO2-C
NO2-LO-NC
-3
-4
-1
-2
-5
-6
PS2-COM.
PS2-N.O.
K2-10
K2-2
PS-3-COM
PS3-N.O.
He-HI-N.O.
DILUTION AIR-HI-N.O.
NO2-HI-N.O.
CHROMATOGRAPH OVEN
20-7
20-8
K1
H2 FLAME OUT RELAY
PS1
N.C.
N.O.
SAMPLE LOOP PRESSURE SW.
20-11
20-12
TB5
TB3
PS2
N.C.
N.O.
H2 GENERATOR OUTPUT PRESSURE SWITCH
20-33
20-32
CHROMATOGRAPH CONTROL
TB1
TB2
TB6
TB10
SHLD
20-4
WHT
20-3
RED
20-6
BLK
20-2
GRN
20-1
YEL
GND
NEUT
HOT
20-10
20-9
20-14
20-15
C'GRAPH POWER 115 VAC 5 AMP.
SAMPLE PUMP POWER 115 VAC 2 AMP.
PERMEATION SYSTEM
TEMP.
20-25
20-26
20-23
20-24
20-27
20-28
H2S-SO2 HE
SW.1 LO
SW.2 HI
20-18
20-17
20-38
DILUTION AIR
SW.1 LO
SW.2 HI
20-20
20-19
20-39
NO2 AIR
SW.1 LO
SW.2 HI
20-22
20-21
20-40
NC
C
NO
PERMEATION SYSTEM POWER 115 VAC 2 AMP.
PURIFICATION SYSTEM
POWER SW.
PURIFICATION SYSTEM POWER 115 VAC 30 AMP.
H2 GENERATOR
H2 GENERATOR H2O LEVEL RELAY
K2
20-35
20-34
GND
NEUT.
HOT
H2 GENERATOR POWER 115 VAC 3 AMP.
20-37
20-36
PS3
N.C.
N.O.
NOx AIR PURIFICATION SYSTEM PRESSURE SW.
HEATLESS DRYER
MOT
COMPRESSOR

REQD DASH-3	REQD DASH-2	REQD DASH-1	PART NUMBER	ITEM	DESCRIPTION	NOTES & REF DESIGNATIONS
					LIST OF MATERIAL	

DASH NO.	NEXT ASSY	USED ON
	APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES:
DECIMALS ± FRACTIONS ± ANGLES ±

MATERIAL

CONTRACT NO.

DEC 4 1972

D MEL 4-24-72
C CEA 5-1-72
A
A

The Bendix Corporation
Process Instruments Division
Ronceverte, West Virginia

DIAGRAM, INTERCONNECTING WIRING

SIZE D
CODE IDENT NO
28265-E

SCALE
WT CALC ACT
SHEET

BRUNING 44-131